



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IFW

In re Patent Application of

Roger R.C. NEW

Atty. Ref.: 117-565

Serial No. 10/553,169

TC/A.U.: 1654

Filed: November 28, 2005

Examiner: Bradley

For: UPTAKE OF MACROMOLECULES

\* \* \* \* \*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

April 2, 2007

Sir:

**INFORMATION DISCLOSURE STATEMENT**

As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the references listed on the attached form PTO/SB/08A. A copy of the International Search Report and cited non-U.S. patent documents as well as other documents are attached. Also listed and attached are additional documents.

This is not to be construed as a representation that a search has been made or that no better prior art exists, or that a reference is relevant merely because cited.

The Examiner is requested to initial the attached form PTO/SB/08A and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

The Commissioner is hereby authorized to charge our Deposit Account No. 14-1140 for any fees required in connection with the filing of this Information Disclosure Statement.

NEW

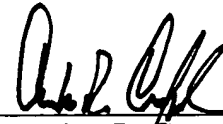
Serial No. 10/553,169

-2-

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

By:

  
\_\_\_\_\_  
Arthur R. Crawford  
Reg. No. 25,327

ARC:eaw

901 North Glebe Road, 11th Floor

Arlington, VA 22203-1808

Telephone: (703) 816-4000

Facsimile: (703) 816-4100

Sheet 1 of 1

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Atty. Docket No.

117-565

Applicant

Roger

Filing Date

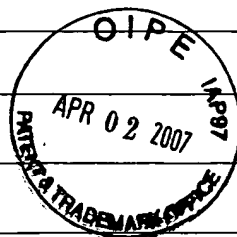
November

Serial No.

10/553,169

TC/A.U.

1654



## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2001/0014675 A1	8/2001	Loria			
	6,180,666 B1	1/2001	Wacher et al			
	4,789,660	12/1988	Enever et al			
	2006-0122097-A1	6/2006	New et al			
	5,756,450	5/1998	Hahn et al			
	5,342,625	8/1994	Hauer et al			
	3,996,355	12/176	Lin et al			
	5,962,522	10/1999	Wacher et al			

## FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
5-246846	9/1993	JP			
93/06854	4/1993	WO			
0 371 010 A1	5/1990	EP			
WO 02/22158	3/2002	PCT			
0 127 535	12/1984	EP			
0 295 941	12/1988	EP			

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	International Search Report of PCT/GB2004/001650, mailed 28 September 2004
	VAN HOOGDALEM et al., "Intestinal Drug Absorption Enhancement: An Overview", Pharmacology and Therapeutics, Elsevier, Vol. 44, No. 3, 1989, Pgs 407-443, XP002086283
	AUNGST et al., "Enhancement of the Intestinal Absorption of Peptides and Non-peptides", Journal of Controlled Release, Vol. 41, No. 1-2, 1996, Pgs. 19-31, XP004037568
	DONDETI et al., "In Vivo Evaluation of Spray Formulations of Human Insulin for Nasal Delivery", International Journal of Pharmaceutics, Vol. 122, No. 1-2, 1995, Pgs. 91-105, XP002295623
	SASAKI et al., "Effect of Ophthalmic Preservatives on Serum Concentration and Local Irritation of Ocularly Applied Insulin", Biological and Pharmaceutical Bulletin, Vol. 18, No. 1, 1995, Pgs. 169-171, XP001183131
	Read et al, Antisense Strategies ..., 2002, Expert Opinion. Ther. Patents, Vol. 12, pages 379-391.
	Dressman et al, "In vitro-in vivo correlations for lipophilic, poorly water-soluble drugs", European Journal of Pharmaceutical Sciences 11 Suppl. 2(2000) S73-S80.
	Handbook of Pharmaceutical Excipients, Eds Wade & Weller, The Pharmaceutical Press, London UK 2 <sup>nd</sup> Edition, 1994.

*Examiner	Date Considered
-----------	-----------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.